Table of contents

32nd International Symposium on Lattice Field Theory (Lattice 2014)

Tuesday 24 June 2014

Theoretical Developments: Parallel 3E - 329 Pupin (14:15-15:55)

- Conveners: Endres, Michael G

time	title	presenter
14:15	Polyakov Loop Correlations at Large N	NEUBERGER, Herbert
14:35	TEK twisted gradient flow running coupling	KEEGAN, Liam
14:55	Testing volume independence of large N gauge theories on the lattice	GONZALEZ-ARROYO, Antonio
15:15	Temperature dependence of the chiral condensate in the Schwinger model with Matrix Product States	SAITO, Hana
15:35	Grassmann Tensor Renormalization Group Study of Lattice QED with Theta Term in Two Dimensions	SHIMIZU, Yuya

Theoretical Developments: Parallel 4E - 329 Pupin (16:30-18:10)

- Conveners: Prof. Neuberger, Herbert

time	title	presenter
16:30	Causal Space-Time on a Null Lattice with Hypercubic Coordination	SCHADEN, Martin
16:50	Triviality of ϕ^4_4 in the broken phase revisited	WOLFF, Ulli
17:10	Lattice study on diquark properties	LIU, Zhaofeng
17:30	Induced QCD with Nc auxiliary bosonic fields	BRANDT, Bastian
17:50	Matrix product states for gauge field theories	VAN ACOLEYEN, Karel BUYENS, Boye

Wednesday 25 June 2014

Theoretical Developments: Parallel 5E - 329 Pupin (09:00-10:40)

- Conveners: Dr. Patella, Agostino

time	title	presenter
09:00	Prepotential Formulation of Lattice Gauge theories	RAYCHOWDHURY, Indrakshi
09:20	Lattice Hamiltonian approach to the Schwinger model	SZYNISZEWSKI, Marcin
09:40	Update on staggered Wilson fermions	ADAMS, David
10:00	Pion masses in 2-flavor QCD with $¥eta$ condensation	AOKI, Sinya
10:20	Spectrum of the staggered Wilson Dirac operator in quenched lattice QCD backgrounds	ZIELINSKI, Christian

Theoretical Developments: Parallel 6E - 329 Pupin (11:10-13:10)

- Conveners: Prof. Sint, Stefan

time	title	presenter
11:10	Conformal Lattice Field Theory on Spherical Manifolds	BROWER, Richard
11:30	Blocking versus Sampling	MEURICE, Yannick
11:50	Topologically restricted measurements in lattice sigma-models	GERBER, Urs
12:10	Hadron masses from fixed topological simulations: discussion of parity partners and SU(2) Yang-Mills results.	DROMARD, Arthur
12:30	Non-perturbative renormalization of the energy-momentum tensor in SU(3) Yang-Mills theory	PEPE, Michele
12:50	Topology density correlator on dynamical domain-wall ensembles with nearly frozen topological charge	FUKAYA, Hidenori

Thursday 26 June 2014

Theoretical Developments: Parallel 7E - 329 Pupin (14:15-16:35)

- Conveners: Fukaya, Hidenori

time	title	presenter
14:15	Optimisation of Quantum Evolution Algorithms	PATEL, Apoorva
14:35	Tensor renormalization group study of the 2d O(3) model	UNMUTH-YOCKEY, Judah
14:55	Energy-momentum tensor on the lattice and Wilson flow	PATELLA, Agostino
15:15	String tension from smearing and Wilson flow methods	OKAWA, Masanori
15:35	Tree level improvement of the gradient flow	NOGRADI, Daniel
15:55	How to reduce $O(a^2)$ effects in gradient flow observables?	SINT, Stefan
16:15	Locally smeared operator product expansions	MONAHAN, Christopher

Friday 27 June 2014

Theoretical Developments: Parallel 8E - 329 Pupin (14:15-15:35)

 - Conveners: Prof. Wolff, Ulli

time	title	presenter
14:15	A construction of the Schrodinger Functional for Möbius Domain Wall Fermions	MURAKAMI, Yuko
14:35	Crank-Nicolson discretization scheme and lattice fermions	BORICI, Artan
14:55	Fermion Mass Generation without a chiral condensate	AYYAR, Venkitesh
15:15	The Hadronic Spectrum and Confined Phase in (1+1)-Dimensional Massive Yang-Mills Theory	CORTES CUBERO, Axel